

MILWAUKEE COUNTY SHERIFF'S OFFICE

MILWAUKEE COUNTY, WISCONSIN



REQUEST FOR INFORMATION (RFI)
County Correctional Facility South (CCFS)
IP Surveillance Camera System Upgrade

RFI # S-0510

RFI DUE DATE: June 8, 2010

1 Introduction

The Milwaukee County Sheriff's Office is seeking information from qualified vendors capable of delivering and installing an IP based surveillance video camera solution including hardware, software, network components, installation, configuration, and providing ongoing technical support. This system must be able to operate in a Correctional Facility environment.

This RFI requests information from vendors who have the necessary experience and capability to contribute to the determination of need for the purpose of providing near 100% coverage of the entire CCFS including the grounds and inside multiple buildings. Information received in response to this RFI may be used in the preparation of a Request for Proposal, an invitation for Bid, or another method of solicitation of services.

It is **highly recommended** that any vendor wishing to participate in a future solicitation of services resulting from this RFI, attend the walk through as this may be the only opportunity granted to tour the site.

The high level requirements are included in this document. Those who wish to just furnish information about a potential product or solution may do so via letter or Email. Vendors who wish to submit relevant information as requested in this RFI may do so following the procedures outlined in this document.

All information received in response to this RFI that is marked Proprietary will be handled accordingly.

2 Overview

The Camera system upgrade project is envisioned as a long-term strategic initiative for the agency that will increase safety, improve efficiency, and reduce costs associated with monitoring inmates in and around the facility. It is envisioned that approximately 300 cameras will be added to the existing 50 analog cameras in multiple building, as well as coverage of the entire fence line.

2.1 Existing network environment

The overall solution must leverage the existing network infrastructure and any upgrades should be designed to include a cost effective migration path to a solution that will scale as the organization adds new cameras in the future. The facility is connected to the Milwaukee County WAN over a 1 GB backbone using Cat6 cabling, and Cisco network equipment. Fiber connects all buildings back to each wiring closet.

2.2 Camera Management System

In addition to upgrading the infrastructure and installing cameras, the county would like to purchase and install a camera management solution. The expected enterprise solution will have a wide range of functionality, using a centralized management solution with both centralized and decentralized video recording capabilities. The county currently utilizes the OnSSI DVMS

(anticipate upgrading to NetEVS) IP video management solution at other facilities and preference should be given to utilizing this solution, but feel free to propose other management solutions if you feel they would better meet the needs of a correctional facility.

Cameras will mainly be viewed at the south facility, but viewing of cameras must be capable from external positions as deemed necessary by the department.

2.3 Description of Facility

It is anticipated that cameras will be installed to cover the following locations:

FML Building

- Dorms
- Entrance
- Weld shop
- Print shop
- Classroom

Acc North Building

- Dorms
- Hallways
- Laundry
- Gym
- Classrooms
- Chapel
- Clinic
- Infirmary

Acc South Building

- Dorms
- Hallways
- Kitchen
- Gym
- Classrooms
- Booking
- Dining halls
- Some general purpose rooms

Outside

- Perimeter
- Parking Lots
- Outside Rec Areas

2.4 Schedule of Events

DATE	EVENT
May 12, 2010	RFI Issued
May 25, 2010	Site Tour
June 8, 2010	RFI Due
?	Presentations

2.5 RFI Inquires

For inquiries regarding this RFI, please contact

Debra Burmeister
Milwaukee County Sheriff's Deputy
8885 S, 68th Street, Franklin WI 53132
Telephone: (414) 427-6014
E-mail: debra.burmeister@milwcnty.com

3 High Level Functional Requirements

Interested and qualified vendors that can demonstrate their ability to deliver and install a solution meeting the requirements as specified in this document are invited to submit a response. Vendor should have at least five years of industry experience, and have at least three installations in jail or correctional environments.

1. A software based solution that provides flexibility to run as an application on Windows 2003 server.
2. Use Microsoft Active Directory for user and group rights assignment.
3. Ability to manage software and view cameras over a secured web site.
4. Ability to backup and restore stored video remotely.
5. Open architecture, including API to interface with future and current systems such as our S2 Access Control software.
6. Support for numerous cameras from different manufacturers.
7. Support to stream camera feeds at high quality rate for recording and lower rate for remote viewing.
8. Ability to set bandwidth restrictions at the camera and client level.
9. Support for multiple video formats
10. Ability to view video streams using a standard web browser.
11. Ability to set priorities for operators to control cameras so that critical operator gets priority to move camera.
12. Ability to integrate and use video analytics.
13. TCP/IP video equipment capable of running over an Ethernet network.
14. Ability to steam at different frame rates for viewing and recording
15. Ability to include motion activated cameras at select locations
16. Ability to store video on all cameras to a local DVR and archive to SAN storage device for long term storage.

17. Ability to backup video files to a long storage medium including DVD, CD, or network drive.
18. Segment the network used by the camera using a VLAN to minimize the impact to the data network.

4 Information Requested

Vendors that have an interest in providing a video camera system solution are requested to submit relevant information about the design, products, and installation. A point of contact should be provided including name, address, telephone, fax, and Email address. Responses should contain the following information as appropriate:

4.1 Description of Technical Architecture

Provide a technical architecture diagram depicting the overall solution. Identify proposed camera installation locations to provide near 100% coverage.

4.2 Recommended hardware and software

Provide general recommendations for hardware and software products that should be considered to meet the needs of the Milwaukee County Sheriff's Office Correctional Facility.

4.3 Description of Proposed Equipment

- Detailed list of cameras broken down by location
- DVR
- Servers
- Necessary Network Equipment

4.4 Description of product support and maintenance

The respondent is requested to comment on the following

- Online documentation and help
- On-site and off-site training
- Warrant and support
- Routine Maintenance

4.5 Estimated Cost

The respondent is requested to provide an estimated cost for the proposed solution. Information from this section may be used for budget planning purposes. The response should describe estimated costs, with breakdown, in subcategories of:

- Camera Costs
- Network equipment and upgrades to support the new IP based cameras
- Software and licensing costs (Server and Client)
- Camera license costs

- Anticipated Network Cabling Costs
- Camera Installation Costs
- Server Installation and Setup
- System Configuration
- Analog Conversion of Existing Cameras
- Other Costs

4.6 Company information and References

The vendor is asked to supply the following information:

4.6.1 At least two references that can be contacted

4.6.2 Number of Years in Business

4.6.3 Size of correctional/jail customer base

4.6.4 Briefly describe your company and products and services

4.6.5 Description of business experience related to similar projects

4.6.6 Relevant lessons learned in similar projects

Include any comments on the structure of the requirements for a formal RFP response
Please provide any other materials, suggestions, and discussion you deem appropriate.

4.7 Response Method and Due Date

RFI responses are due June 8, 2010. Please submit all responses to:

Debra Burmeister

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Telephone: (414) 427-6014

E-mail: debra.burmeister@milwcnty.com